

# US&S uses VectorCAST to meet SIL-4 Test Requirements



## Challenge:

Union Switch & Signal, a leader in safety-critical train control systems, needed to comply with multiple software testing standards including: CENELEC EN-50127, EN-50128, and EN-50129 to prove the integrity of their rail applications.

## Solution:

Union Switch & Signal used VectorCAST/C++ and VectorCAST/RSP to perform software testing and structural coverage analysis to meet the CENELEC testing requirements.

## Details:

Union Switch & Signal has used the VectorCAST products such as VectorCAST/C++ and VectorCAST/RSP since 2007, and they have cited the use of VectorCAST in their software development life-cycle as being an instrumental part of meeting their SIL-4 test requirements.

Union Switch & Signal

